

FORM PTO 1390  
(REV 5-93)

US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER  
2005-0316ATRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. §371U.S. APPLICATION NO.  
(if known, see 37 CFR 1.5)  
10/525,971 ✓International Application No.  
PCT/JP03/11122International Filing Date  
August 29, 2003Priority Date Claimed  
August 30, 2002**Title of Invention**

SEPARATOR, REACTOR, AND METHOD FOR PRODUCING AROMATIC CARBOXYLIC ACIDS

Applicant(s) For DO/EO/US  
Yoshio SEIKI et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. §371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. §371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. §371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. §371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19.
9. ☒ An (EXECUTED) oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)). **ATTACHMENT G**
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).

**Items 11. to 14. below concern other document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

**ATTACHMENT H**

13. ☐ A **FIRST** preliminary amendment.

☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.

14. ☒ Other items or information: Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) - **ATTACHMENT I**

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975





## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/525,971	FIRST NAMED APPLICANT Yoshio Seiki	ATTY. DOCKET NO. 2005_0316A
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INTERNATIONAL APPLICATION NO. PCT/JP03/11122
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IA. FILING DATE 08/29/2003	PRIORITY DATE 08/30/2002
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513  
 WENDEROTH, LIND & PONACK, L.L.P.  
 2033 K STREET N. W.  
 SUITE 800  
 WASHINGTON, DC 20006-1021

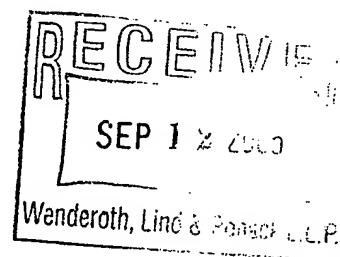
CONFIRMATION NO. 3184  
 371 FORMALITIES LETTER  
 \*OC000000016956925\*  
 \*OC000000016956925\*

Date Mailed: 09/08/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/28/2005
- English Translation of the IA filed on 02/28/2005
- Copy of the International Search Report filed on 02/28/2005
- Copy of IPE Report filed on 02/28/2005
- Preliminary Amendments filed on 02/28/2005
- Information Disclosure Statements filed on 02/28/2005
- Oath or Declaration filed on 02/28/2005
- U.S. Basic National Fees filed on 02/28/2005
- Priority Documents filed on 02/28/2005



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

ATTACHMENT I

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/525,971	PCT/JP03/11122	2005_0316A

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Yoshio SEIKI et al. :  
Serial No. 10/525,971 : Attorney Docket No. 2005-0316A  
Filed February 28, 2005 :

SEPARATOR, REACTOR, AND METHOD  
FOR PRODUCING AROMATIC  
CARBOXYLIC ACIDS  
[Corresponding to PCT/JP03/11122  
Filed August 29, 2003]

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

**SUBMISSION OF ENGLISH/JAPANESE**  
**DECLARATION AND POWER OF ATTORNEY**

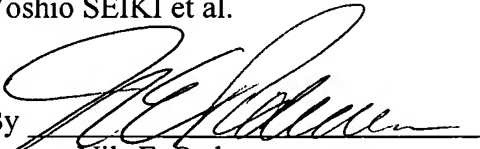
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The attached Declaration and Power of Attorney includes both Japanese language text and English language text. The English language text constitutes an accurate translation of the Japanese language text.

Respectfully submitted,

Yoshio SEIKI et al.

By 

Nils E. Pedersen  
Registration No. 33,145  
Attorney for Applicants

NEP/krq  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
Facsimile (202) 721-8250  
September 27, 2005

ATTACHMENT G }